

VME bin UEV 6023

VME-bus **PLENUM** BIN UEV 6021 is available in different versions for 6U x 160mm and / or 9U x 400mm VME-Bus- cards. It is a very rigid steel-aluminum construction with heavy 4mm thick side panels and locked transversal bars. Excellent shielding is given by low resistive screw-connections of the bin-parts.

W-Ie-Ne-R [monolithic backplanes](#) according to VME, VME430, VIPA or VME 64-x spec. Reflex- and crosstalk-minimized design, automatic daisy-chain

The bins are designed with a 2U space for fan tray unit [UEL 6020](#) and a 1 unit air compression chamber below VME board area. The air compression (PLENUM) chamber between module guides and fan tray achieves a proper and homogeneous cooling of high powered modules.

The 3U high plug-in power supply [UEP 6021](#) is placed on the same height behind the 3U fan tray unit, giving completely free access to the rear side of the backplane (in case of 6U power box behind J3) level. The UEV6023 bin is equipped with a multiple high current power pin connector board for the plug-in power supply.

In 9U bins, the J3-level is free for custom solutions.

Size of standard crates for 6U/160mm [9U/400mm] boards (whd):

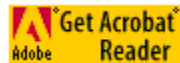
- **6U-VME:** 483mm x 9U x 480mm
- **9U-VME:** 483mm x 12U x 720mm

(mounting depth: +25mm for inserted power supply)

Options:

- Rear side transition cage variably leads to either 3U, 6U, or 9U for 120mm deep transition modules. If a 6U power supply has to be used, either the lower rear connector row will be covered or the crate height grows by 3U.
- [6U/9U Vario-System](#) for 160 and 400mm VME modules. Dividing from 4/16 to 18/2 of 6/9U slots with two slots variation steps are standardized for 9U-VME bins.
- Up to 8 [temperature sensors](#) above the VME modules can be installed with automatic fan control (max fan speed and power shut down for user definable temperature limits).
- [Special backplanes](#) J1, J1/J2 and J3, 2 fold 10 slots as well as custom spec. bin designs.

Drawings (PDF-format)



- [6U x 160mm -VME Side view](#)
- [6U x 160mm -VME Front view](#)
- [9U x 400mm -VME Side view](#)
- [9U x 400mm -VME Front view](#)